

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057562.D
 Acq On : 29 Aug 2019 20:52
 Operator : JC/SP
 Sample : K4528-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S2-(0)

Quant Time: Aug 30 13:05:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

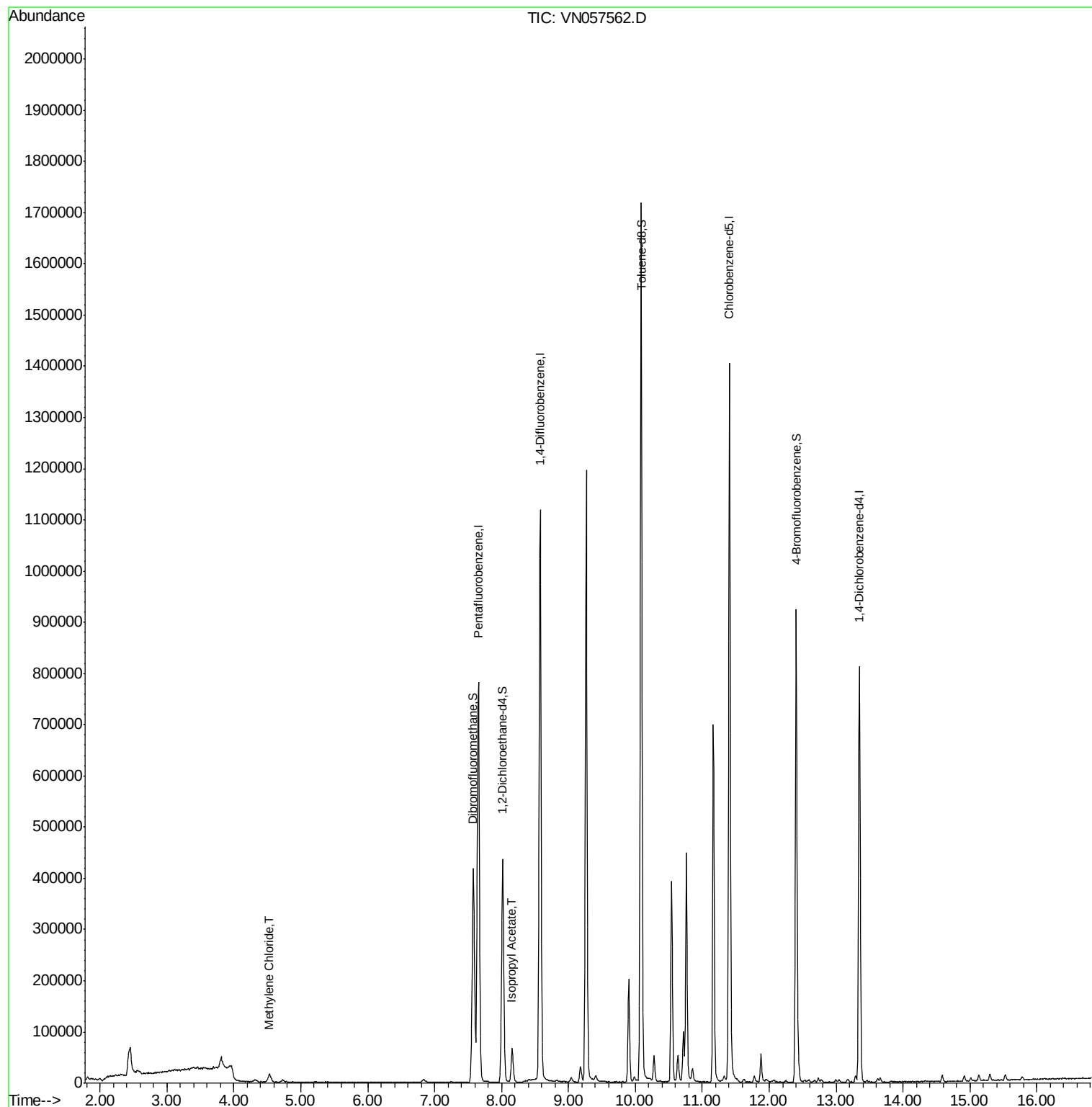
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	636994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1013423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	860234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	231524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	373970	37.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.66%	
35) Dibromofluoromethane	7.58	113	312318	35.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.00%	
50) Toluene-d8	10.08	98	1229067	38.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.46%	
62) 4-Bromofluorobenzene	12.40	95	335490	30.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.68%	
Target Compounds						
20) Methylene Chloride	4.53	84	10920	1.399	ug/l	86
43) Isopropyl Acetate	8.16	43	76116	5.614	ug/l #	93

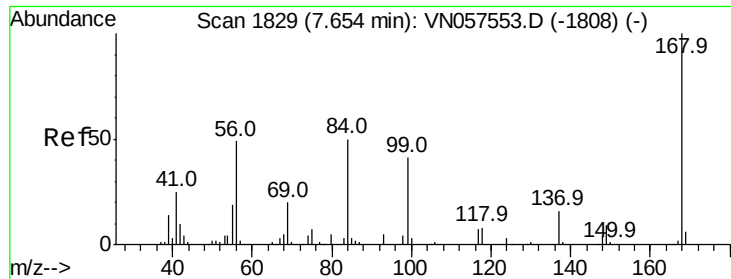
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057562.D

Acq: 29 Aug 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

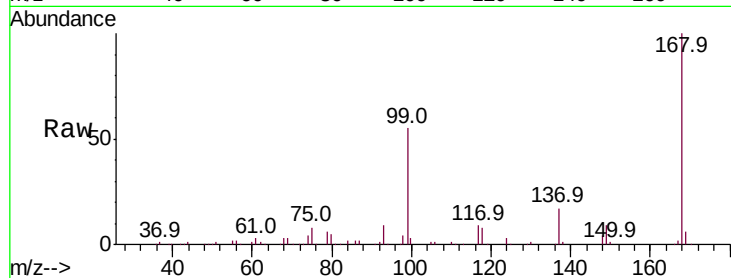
T9-12-13-S2-(0)

Tot Ion:168 Resp: 636994

Ion Ratio Lower Upper

168 100

99 54.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057553.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1808) (-)

7.65

250000

200000

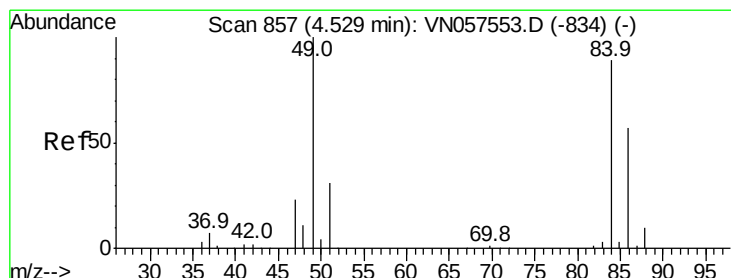
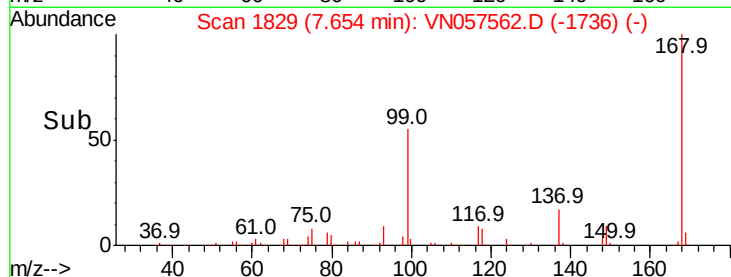
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.399 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057562.D

Acq: 29 Aug 2019 20:52

Tgt Ion: 84 Resp: 10920

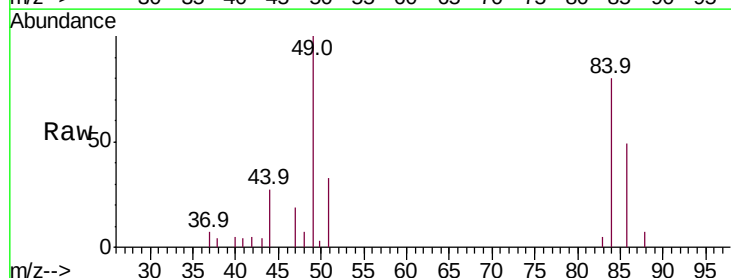
Ion Ratio Lower Upper

84 100

49 118.6 117.0 175.4

51 41.6 35.5 53.3

86 61.3 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN057553.D (-834) (-)

Ion 48.90 (48.60 to 49.60): VN057553.D (-834) (-)

Ion 50.90 (50.60 to 51.60): VN057553.D (-834) (-)

Ion 85.90 (85.60 to 86.60): VN057553.D (-834) (-)

8000

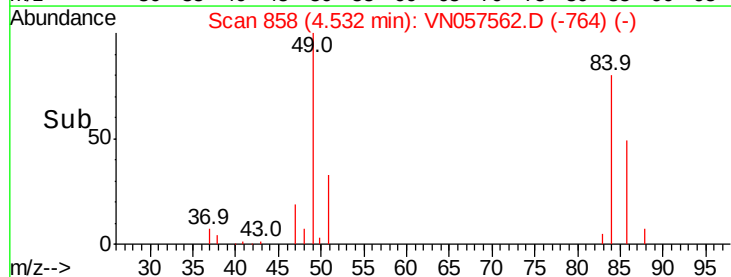
6000

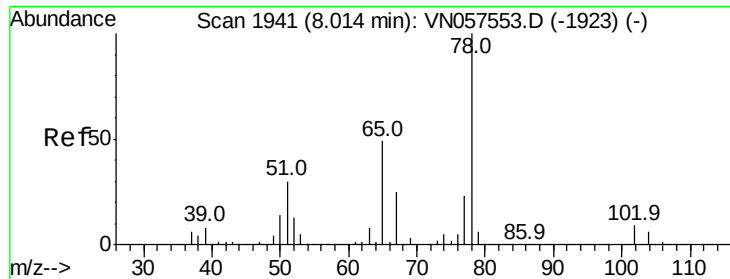
4000

2000

0

Time-->

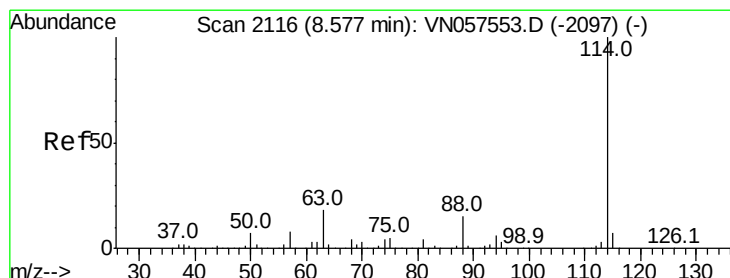
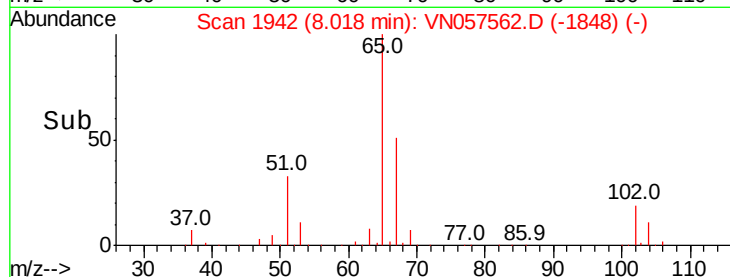
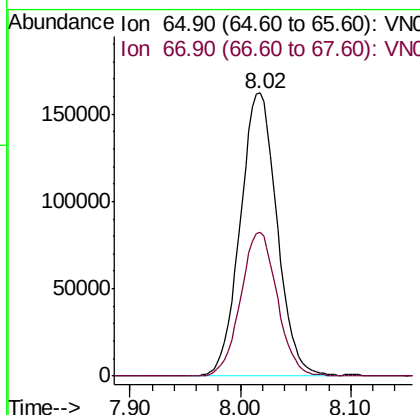
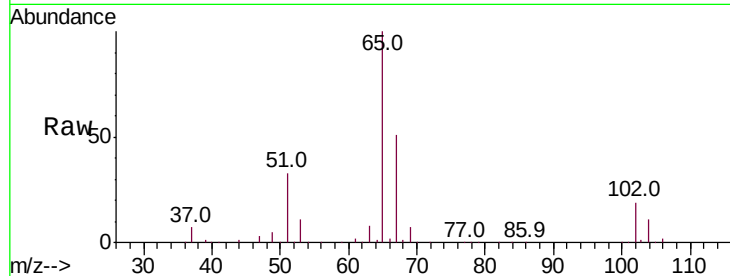




#33
 1,2-Dichloroethane-d4
 Concen: 37.334 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057562.D
 Acq: 29 Aug 2019 20:52

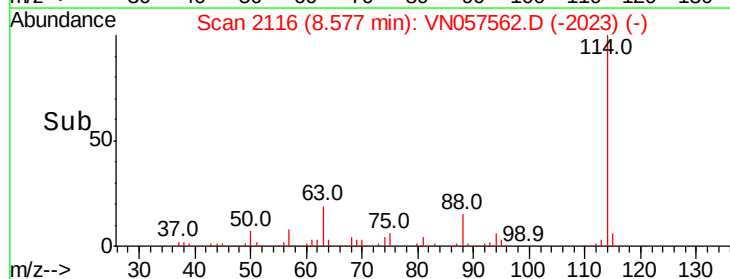
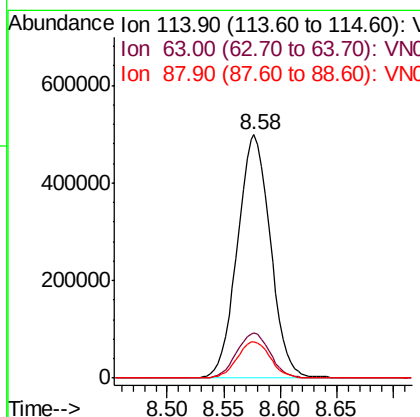
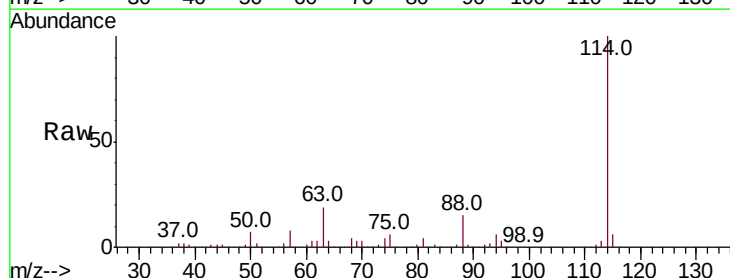
Instrument :
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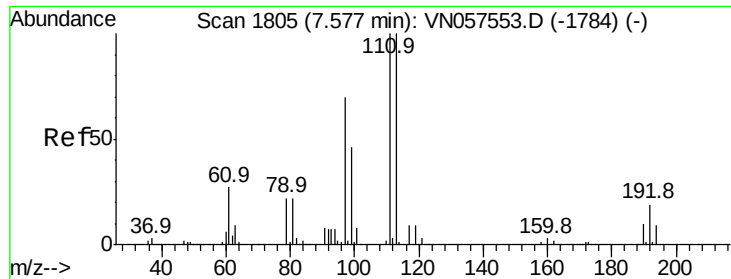
Tot Ion: 65 Resp: 373970
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057562.D
 Acq: 29 Aug 2019 20:52

Tgt Ion: 114 Resp: 1013423
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 50.2
 88 14.9 0.0 34.6

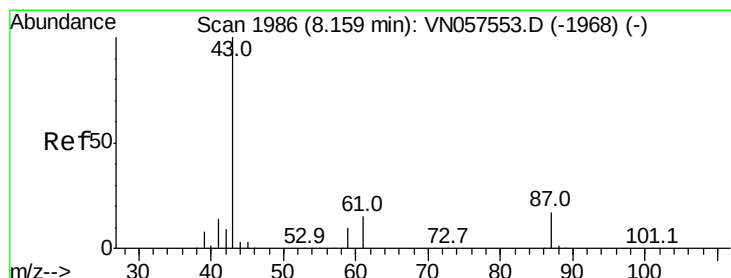
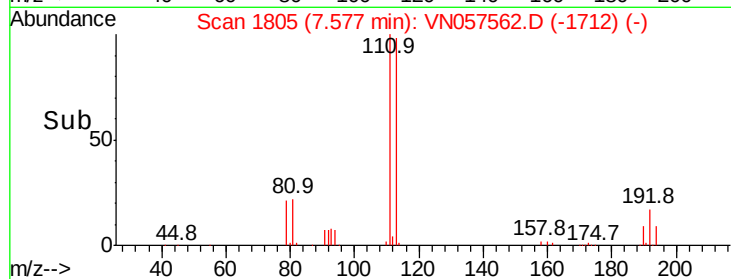
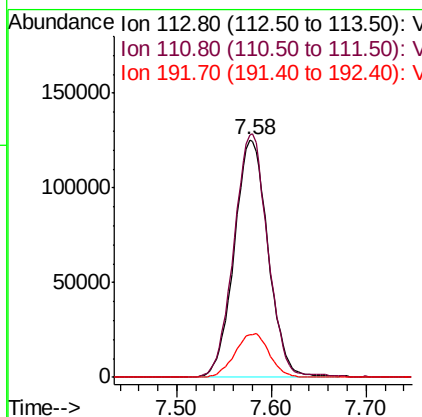
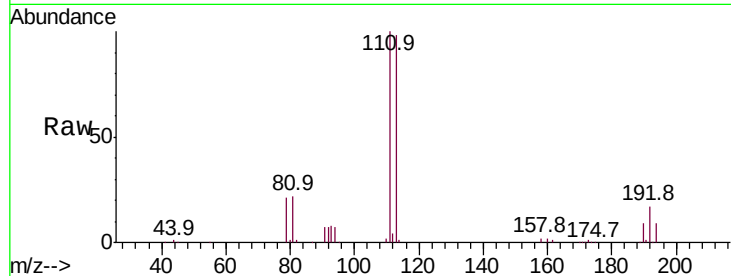




#35
 Dibromofluoromethane
 Concen: 35.502 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057562.D
 Acq: 29 Aug 2019 20:52

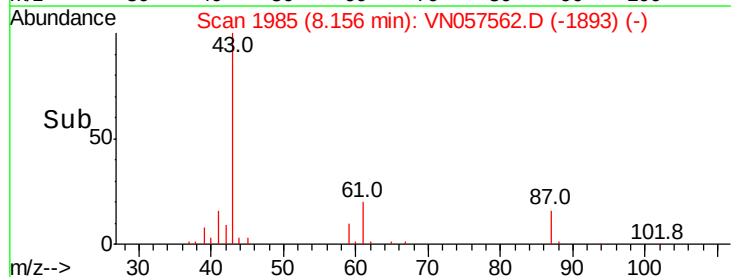
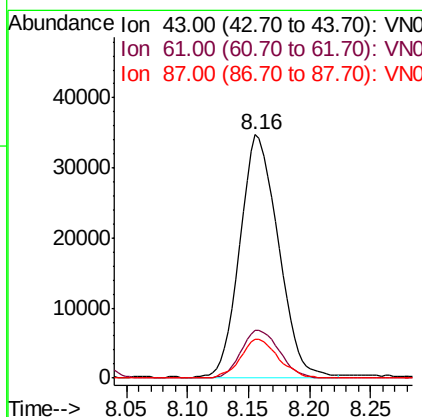
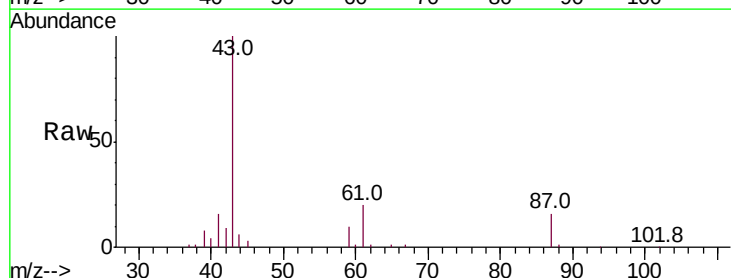
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S2-(0)

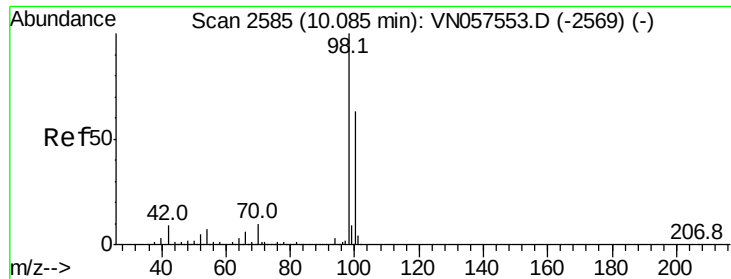
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	18.9	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 5.614 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057562.D
 Acq: 29 Aug 2019 20:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.5	21.7
87	15.5	8.6	12.8#





#50

Toluene-d8

Concen: 38.227 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057562.D

Acq: 29 Aug 2019 20:52

Instrument :

MSVOA_N

ClientSampleId :

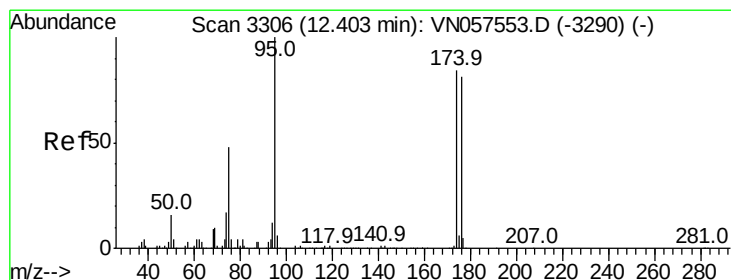
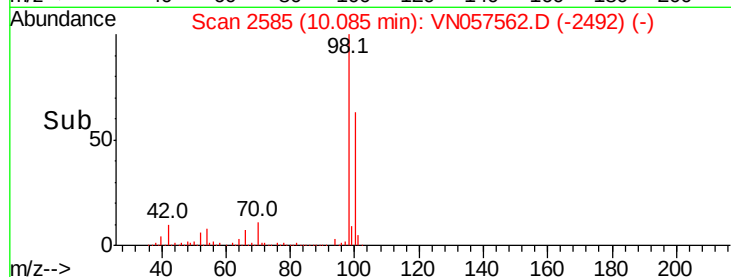
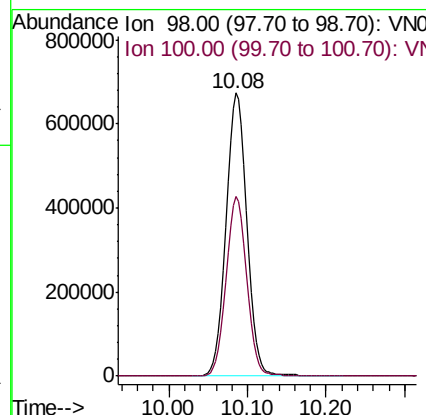
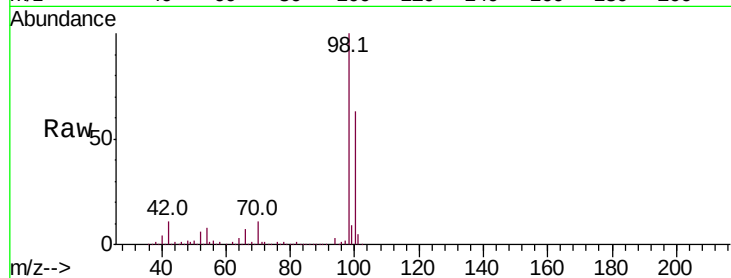
T9-12-13-S2-(0)

Tot Ion: 98 Resp: 1229067

Ion Ratio Lower Upper

98 100

100 62.9 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 30.837 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057562.D

Acq: 29 Aug 2019 20:52

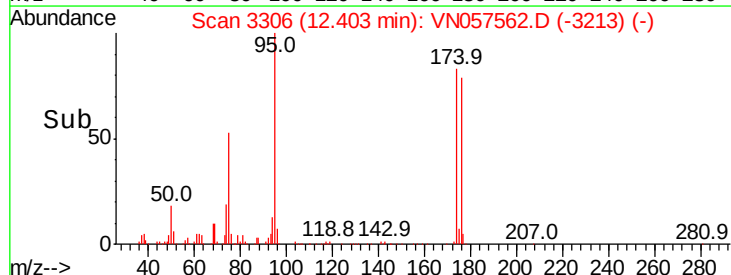
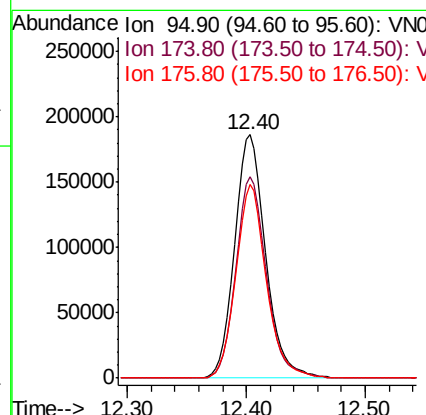
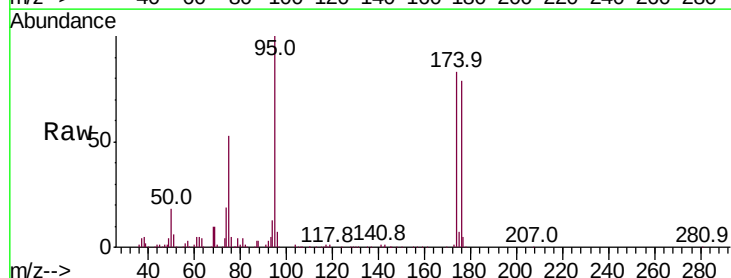
Tgt Ion: 95 Resp: 335490

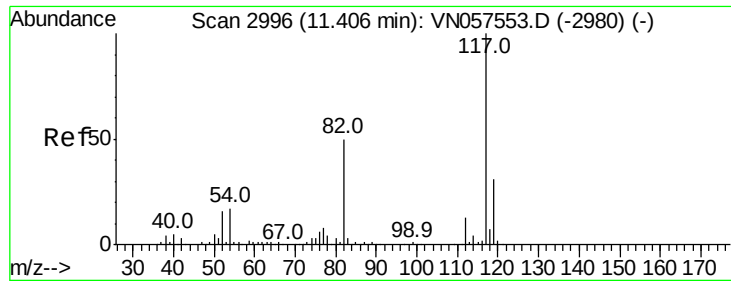
Ion Ratio Lower Upper

95 100

174 81.7 0.0 133.0

176 78.2 0.0 130.8

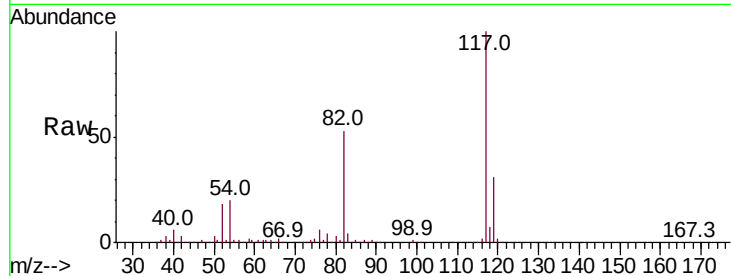




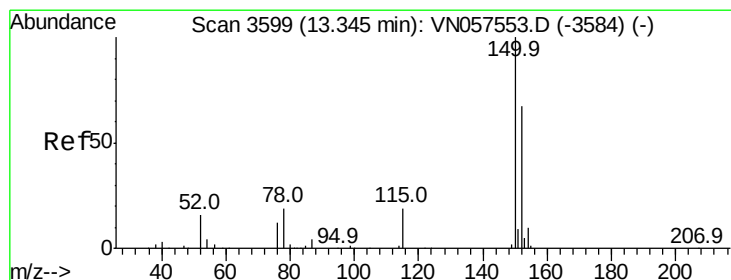
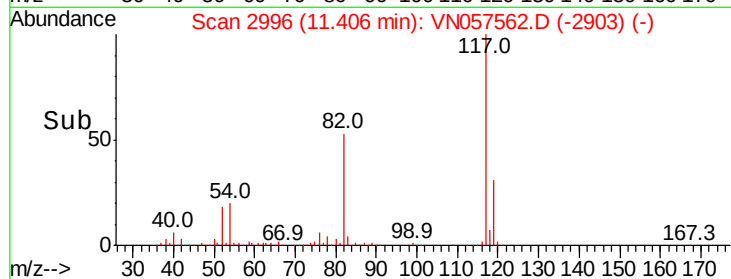
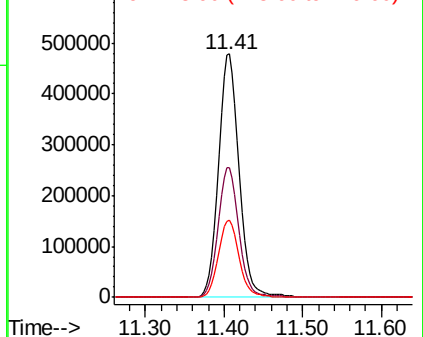
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057562.D
Acq: 29 Aug 2019 20:52

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-S2-(0)

Tot Ion:117 Resp: 860234
Ion Ratio Lower Upper
117 100
82 53.3 50.6 75.8
119 31.5 24.6 36.8

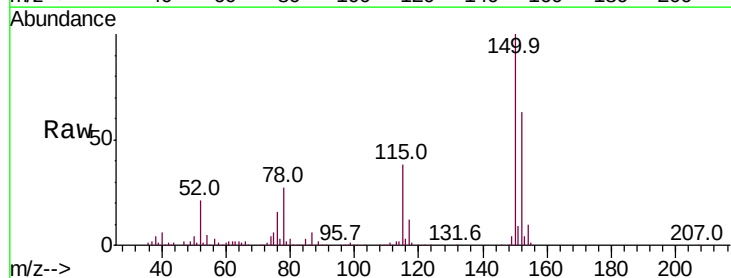


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057562.D
Acq: 29 Aug 2019 20:52

Tgt Ion:152 Resp: 231524
Ion Ratio Lower Upper
152 100
115 61.3 32.0 96.0
150 158.9 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

